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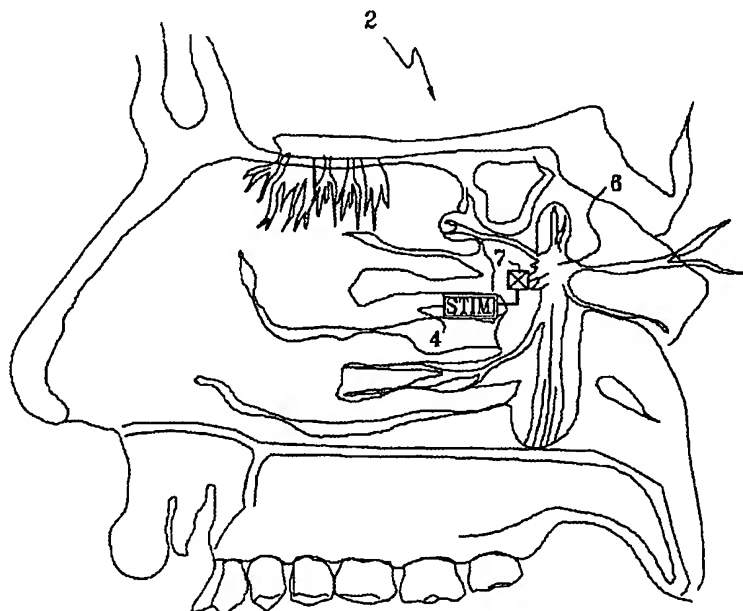
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(54) Title: **DELIVERING COMPOUNDS TO THE BRAIN BY MODIFYING PROPERTIES OF THE BBB AND CEREBRAL CIRCULATION**



(57) Abstract: A chemical agent delivery system is provided, including a chemical agent supplied to a body of a subject for delivery to a site in a central nervous system of said subject via blood of said subject; and a stimulator (4) for stimulating parasympathetic fibers associated with the sphenopalatine ganglion (6), thereby to render a blood brain barrier (BBB) of said subject permeable to said chemical agent during at least a portion of the time that said chemical agent is present in said blood.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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<b>B. FIELDS SEARCHED</b>		
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<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,E	US 2004/0015068 (SHALEV et al ) 22 January 2004, (22.01.2004), See entire document.	1-10
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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